

USAMMDA INFORMATION PAPER**PRODUCT: SPECIAL MEDICAL EMERGENCY EVACUATION DEVICE**

DESCRIPTION: The Special Medical Emergency Evacuation Device (SMEED) is a lightweight platform designed to quickly attach to a North Atlantic Treaty Organization litter. It was designed by SSG Eric Smeed, while stationed at the U.S. Army Institute of Surgical Research (USAISR) for medical evacuation of patients. The device is usually mounted over the feet of the patient, although it can be attached anywhere along the length of the litter. The platform has various universal fasteners so that it can be configured in several ways, depending on the mission. It is specifically designed to accommodate all of the Patient Movement Items in the Army inventory to include vital signs monitor, infusion pump, aspirator, D-cylinder oxygen tank, ventilator, defibrillator, and the flexibility to mount other medical devices as required.

PROGRAM RELEVANCE to the ARMY: This product supports both the core mission of the Army and the Army Transformation. This lightweight modular system is important in emergency casualty care and rapid evacuation. The device has been demonstrated to various users, and is being well received, by several military Services. This product supports the following Army Future Operational Capabilities: MD-02-001 Clearing the battlefield and MD-02-004 Combat Health Logistics.

ISSUES/ACTIONS:

- Efforts to attain Air Worthiness Release (AWR) from the Army continue.
- The Army combat developer has identified the SMEED as a Patient Movement Item, for use by the Forward Surgical Teams, and to be included in Medical Equipment Sets. It has been assigned a National Stock Number #653 001 500 1989.
- There are currently several samples of the SMEED on loan by the U.S. Army Medical Materiel Development Activity through the U.S. Army Institute of Surgical Research to trainers and users for evaluation.
- The SMEED has received a Fleet-wide AWR from the Air Force.
- The Air Force has procured 100 SMEEDS, which are now deployed. In addition, the Marines have procured and deployed 25 SMEEDS. There is interest by other military groups, including the Special Operations Forces, the Coast Guard, and various air rescue groups.
- Licensure of the SMEED to Impact Instrumentation Inc. is complete.

ADDITIONAL INFORMATION:

BPL # 430

DA PROJECT/TASK: Trauma Management –
PE/PROJ 643807/836JU

MAMP RANK: Not Ranked

ARMY ORD: Not Required

SCHEDULE:

Licensure	4QFY02
Army AWR	TBD

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